

EXHIBIT B

ADDENDUM B FLATHEAD RESERVATION GROUNDWATER MINIMUM AQUIFER TESTING REQUIREMENTS

Use the information below to guide the required aquifer test and reporting requirements if proposing to appropriate from a ground water well. Variation from these requirements must be approved by the Water Engineer.

On a separate attachment, provide the information requested below.

- 1) Constant pumping rate greater than or equal to the requested pumping rate
 - a. Duration according to requested rate and/or volume:
 - i. 24 hours for up to 150 gpm up to 50 acre-feet annually
 - ii. 72 hours for over 150 gpm or over 50 acre-feet annually
- 2) Report data on electronic spreadsheet form
- 3) Recorded data from one or more observation wells in source aquifer located close enough to the production well so that drawdown is measurable and can be analyzed
- 4) Record water levels with 0.01-foot precision
- 5) Record water levels 48 hours prior to test start and correct for trend if present
- 6) Record discharge measurements and pumping and recovery water levels at intervals specified on electronic spreadsheet form
- 7) Discharged water must be conveyed a sufficient distance from the production and observation wells to prevent recharge to the aquifer during the test
- 8) Aquifer tests in more complex settings such as fractured rock will need to be of longer duration (7 days) and include additional observation wells as agreed upon between applicant and Water Engineer
- 9) Location Map of production well(s) and all observation wells